1	CLAIMS		
2	<u>I claim</u> :		
3	1. An improved strap tensioner comprising:		
4	a. a rigid base with a front flange member and a rear flange member;		
5	b. a tension lever longitudinally aligned located over said rear flange member,		
6	said tension lever including a lower clamping flange;		
7	c. an intermediate member pivotally connected to said rigid base, said		
8	intermediate member including a lower first cam surface;		
9	d. means for pivotally connecting said tension lever to said intermediate member		
10	so that said first cam surface is disposed above said lower clamping flange on said tension		
11	lever;		
12	e. means for biasing said tension lever and said intermediate member in opposite		
13	directions;		
14	f. a means for biasing said intermediate member in a rearward direction on said		
15	rigid member;		
16	g. a means for coupling the movement of said tension lever and said intermediate		
17	member so that when said tension lever is rotated in predetermined amount in a forward		
18	direction, said intermediated member is engaged and begins to rotate in a forward direction;		
19	f. a brake lever pivotally connected to said rigid base, said brake lever including		
20	a second cam surface that presses against a strap extended longitudinally on said rigid base to		
21	prevent movement of said strap when extended through said rigid base and disposed under		
22	said first cam surface; and,		

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1	cam surface against a strap extended longitudinally over said rigid base and under said first		
2	cam surface.		
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4	2. The strap tensioner as recited in Claim 1, wherein said rigid base includes two side		
5	walls transversely aligned front flange member, rear flange member, upper strut and rear		
6	strut.		
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8	3. The strap tensioner as recited in Claim 2, wherein said intermediate member includes		
9	two upper ear members located opposite said first cam surface, each said upper ear including		
10	a transversely aligned bore formed therein.		
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12	4. The strap tensioner as recited in Claim 3, further including a pin disposed transversely		
13	between said side wall on said rigid base used to pivotally attached said intermediate membe		
14	to said rigid base.		
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16	5. The strap tensioner as recited in Claim 4, wherein said means for biasing said		
17	intermediate member in a rearward direction on said rigid base is spring disposed over said		
18	pin that presses against said intermediate member and said upper strut to biasing said		
19	intermediate member in a rearward direction on said rigid member.		
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21	6. The strap tensioner as recited in Claim 5, wherein said tension lever includes a central		
22	opening that enables a strap to extend through said rigid member.		
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said tension lever includes a central opening that enables a strap to extend through said rigid

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member;

- c. an intermediate member pivotally connected to said rigid base and located adjacent to said upper strut, said intermediate member including a lower first cam surface that extends downward to engage a longitudinally aligned strap disposed inside said rigid base and between said side walls;
- d. a transversely aligned pin disposed between said tension lever and said intermediate member to pivotally connect said tension lever and said intermediate member together;
- e. means for biasing said tension lever and said intermediate member in opposite directions;
- f. a means for biasing said intermediate member in a rearward direction on said rigid member;
- g. a means for coupling the movement of said tension lever and said intermediate member so that when said tension lever is rotated in predetermined amount in a forward direction, said intermediated member is engaged and begins to rotate in a forward direction;
- h. a brake lever pivotally connected to said rigid base, said brake lever including a second cam surface that presses against a strap extended longitudinally on said rigid base to prevent movement of said strap when extended through said rigid base and disposed under said first cam surface; and,
- i. a biasing means connected to said brake lever to forcible press said second cam surface against a strap extended longitudinally over said rigid base and under said first cam surface.

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